

Serial No. 10/681,727
Inventor(s): Campbell et al.

USPTO Customer No. 25280
Case No.: 5687

IN THE CLAIMS

1. (Withdrawn) A method of making a fabric having good flame resistance and strength and low pilling characteristics comprising the steps of:
 - a) providing a plurality of vortex spun yarns comprising at least about 90% flame resistant aramid fibers,
 - b) forming a fabric from said vortex spun yarns, and
 - c) providing a lubricant on said yarns, such that said fabric has an overall concentration of about .25% to about 3% lubricant on weight of fabric.
- 2 (Withdrawn) The method of Claim 1, wherein said step of forming a fabric comprises weaving.
- 3 (Withdrawn) The method of Claim 1, wherein said step of providing a lubricant comprises treating the yarns, prior to or subsequent to step b), with a high molecular weight ethoxylated polyester.
4. (Withdrawn) A method of making a fabric having good flame resistance and strength and low pilling characteristics comprising the steps of:
 - a) providing a plurality of vortex spun yarns comprising at least about 90% flame resistant aramid fibers,
 - b) forming a fabric from said vortex spun yarns, and
 - c) providing a lubricant on said yarns, to thereby achieve a fabric having a char length of less than about 4 inches when tested according to Fed. Mtd. 5930 (1978) Test Method, and a pilling of about 2 or greater when tested according to ASTM D3512-2002 after 90 minutes.
- 5 (Withdrawn) The method of Claim 4, wherein said step of providing a lubricant comprises providing a high molecular weight ethoxylated polyester to said yarns.

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6. (Currently amended) A flame and pill resistant fabric comprising:
a woven fabric comprising spun yarns comprising at least about 90% flame
resistant aramid fibers, a flame retardant, and about 0.25-3% on weight of fabric
of a high molecular weight ethoxylated polyester lubricant, wherein said fabric
has a pill resistance of greater than 2 after 90 minutes when tested according to
ASTM D3512-2002.
7. (Original) The fabric according to Claim 6, wherein said spun yarns
comprise vortex spun yarns.
8. (Original) The fabric according to Claim 6, wherein said fabric has a pill
resistance of about 2.5 or greater after 90 minutes.
9. (Cancelled)
10. (Currently amended) A flame and pilling resistant fabric comprising:
a woven fabric comprising vortex spun yarns containing at least about 90% flame
resistant aramid fibers, a flame retardant, and
at least about .25% of a high molecular weight ethoxylated polyester lubricant
provided on said fabric.
11. (Original) The fabric according to Claim 10, wherein said fabric has a
pilling resistance greater than 2 after 90 minutes when tested according to ASTM
D3512-2002.